From:	Pappachen, Andrew
To:	Kraft, Nicole
Cc:	Vinciguerra, Amy; Rich Paull; Fell, Karen; Zalaskus, Diane; Adebowale, Andrea; Gelin, Michel; Awertschenko, Michael; Brown, Jackie; Moran, Edwin
Subject:	Chlrine tracer study - Newark Pequannock Water Treatmetn Plant - 101515 - Dock No. SDWA-02-2015-8003
Date:	Monday, December 07, 2015 11:36:08 AM
Attachments:	Chlorine Contact Time Study.pdf
Importance:	High

Nicole:
Forwarded is the Chlorine tracer study and the determination of chlorine contact time conducted by H2M Associates for the Newark Pequunaock Water Treatmetn plant as required by the administrative order.
The choline contact time determend by the study is less than what we have been using. We have been using CT calcualtiosn based on full clear well level. Since the clearwell is not normally full and ususally at 603 feet, the study came up with lower numbers. Starting Decmebr 1, 2015, we will be calculating the CT using the number for clearwell level at 603 feeet and determining the CT ratio. We have increased the post chlorine residual from 1.0 mg/l to 1.3 mg/l to meet the 1.0 CT ratio requirement.
If you have any questions, please contact me.

Andrew Pappachen
Director of Public Works, Dept. of Water & Sewer Utilities
1294 McBride Ave., Little Falls, NJ 07424
Little Falls: 973-256-4965
Water Treatment Plant: 973-697-5992

From: Mili N. Patel <MPatel@H2M.com>
Sent: Friday, December 4, 2015 3:03 PM
To: Pappachen, Andrew
Cc: Patrick K. Cole
Subject: RE: CTA - TMF

Andrew,

See the attached pdf of the separate CT tracer study report from Carollo Engineers.

Any questions, let me know.

Thank you,
Mili N. Patel, EIT, LEED Green Assoc.
Staff Engineer – Water Resources
H2M architects + engineers

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